



# Product Evaluation

WIN2258 | 1217

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2258

**Effective Date:** December 1, 2017

**Re-evaluation Date:** May 2021

**Product Name:** WV Clad Wood Twin Double Hung Windows, Non-impact Resistant

**Manufacturer:** Lincoln Wood Products, Inc.  
1400 W. Taylor Street  
Merrill, WI 54452  
(715) 536-2461

## General Description:

| System | Description   | Label Rating     | Design Pressure Rating |
|--------|---|------------------|------------------------|
| 1      | WV Clad Wood Twin Double Hung Windows w/Narrow Rails & Concealed Jambliners               | R-PG35 75 x 81-H | +35 / -35 psf          |
| 2      | WV Clad Wood Twin Double Hung Windows w/Narrow Rails & Concealed Jambliners; PG50 Upgrade | R-PG50 75 x 81-H | +50 / -50 psf          |
| 3      | WV Clad Wood Twin Double Hung Windows w/Narrow Rails & Standard Jambliners; PG50 Upgrade  | R-PG50 75 x 81-H | +50 / -50 psf          |
| 4      | WV Clad Wood Twin Double Hung Windows w/Wide Rails & Standard Jambliners; PG50 Upgrade    | R-PG50 75 x 81-H | +50 / -50 psf          |

**Product Dimensions:**

| System | Overall Size      | Upper Sash Size    | Bottom Sash Size    |
|--------|-------------------|--------------------|---------------------|
| 1      | 74-3/4" x 80-1/2" | 34-1/2" x 39-9/16" | 34-1/2" x 39-11/16" |
| 2      | 74-3/4" x 80-1/2" | 34-1/2" x 39-9/16" | 34-1/2" x 39-11/16" |
| 3      | 74-3/4" x 80-1/2" | 34-1/2" x 39-9/16" | 34-1/2" x 39-11/16" |
| 4      | 74-3/4" x 80-1/2" | 34-1/2" x 39-9/16" | 34-1/2" x 39-11/16" |

**Product Identification (Certification Agency Label on Window):**

| System |                                  |   |
|--------|----------------------------------|---|
| 1, 2   | Certification Agency             | AAMA  |
|        | Manufacturer's Name or Code Name | LN-1  |
|        | Product Name                     | WV DH Twin w/Concealed Jambliner & Narrow Rails |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-08                 |
| 3      | Certification Agency             | AAMA  |
|        | Manufacturer's Name or Code Name | LN-1  |
|        | Product Name                     | WV DH w/Standard Jambliner & Narrow Rails       |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-08                 |
| 4      | Certification Agency             | AAMA  |
|        | Manufacturer's Name or Code Name | LN-1  |
|        | Product Name                     | WV DH w/Standard Jambliner & Wide Rails         |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-08                 |

**Impact Resistance:**

| System | Impact Resistant | Requirement  |
|--------|------------------|--|
| 1- 4   | No               | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

**Installation:**

**System 1:** Fasten the window to minimum Spruce-Pine-Fir dimension lumber using the applied nailing flange at the head, sill, and side jambs of the window frame. Secure the nailing flange to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Space the fasteners approximately 5" from each corner and approximately 5" on center through the pre-punched slots. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing. The nailing fin is silicone sealed to the window frame.

**Systems 2, 3, and 4:** Fasten the window to minimum Spruce-Pine-Fir dimension lumber using the applied nailing flange at the head, sill, and side jambs of the window frame. Secure the nailing flange to the wall framing with minimum 2" long smooth shank nails (0.12" diameter shaft and a 0.39" diameter head). Space the fasteners approximately 5" from each corner and approximately 5" on center through the pre-punched slots. In addition, installation clips (galvanized steel, 20-gauge, 11" long x 1-1/2" wide) are required along the head and each frame side jamb. The installation clips are secured to the window frame with two No. 7 x 3/4" SS PH screws and are secured to the wall framing with two 8d smooth shank x 2-1/2" common wire nails. Space the clips approximately 3" from each corner and one at the check rail location. In addition, locate a clip approximately 3" on either side of the vertical mullion at the head and the sill. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing. The nailing fin is silicone sealed to the window frame.

**Note:** Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, IBC, and the Texas Revisions.